

FIG. 1

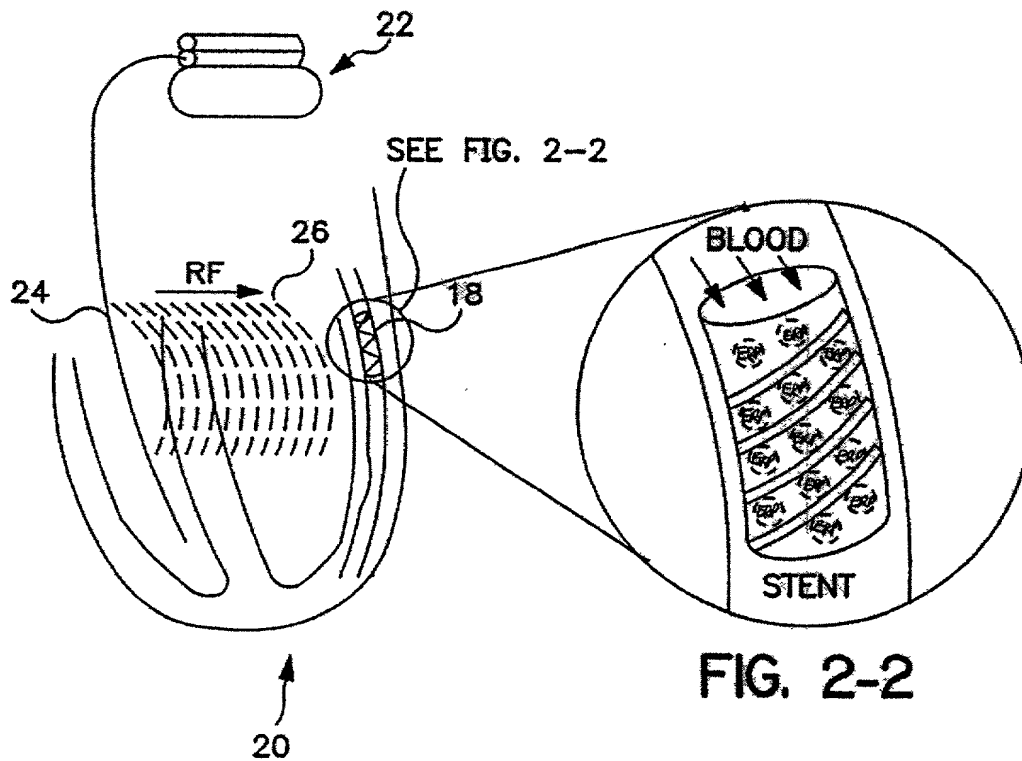


FIG. 2-1

FIG. 2-2

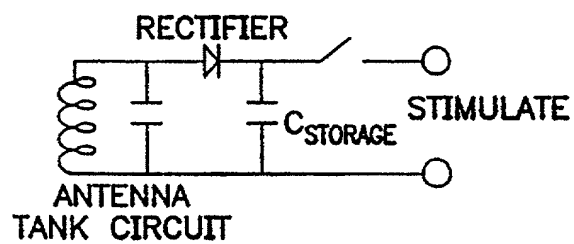


FIG. 2A

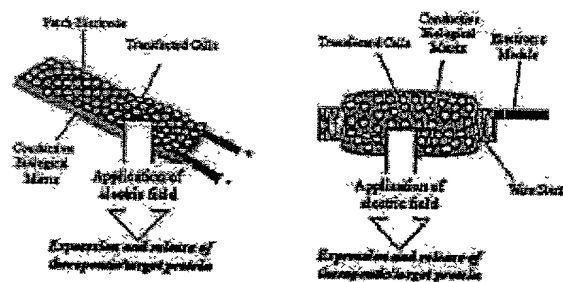


FIG. 3

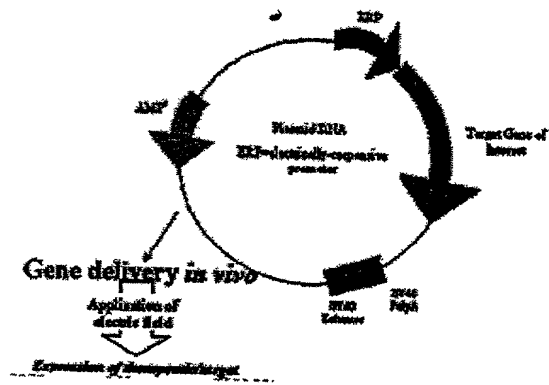


FIG. 4

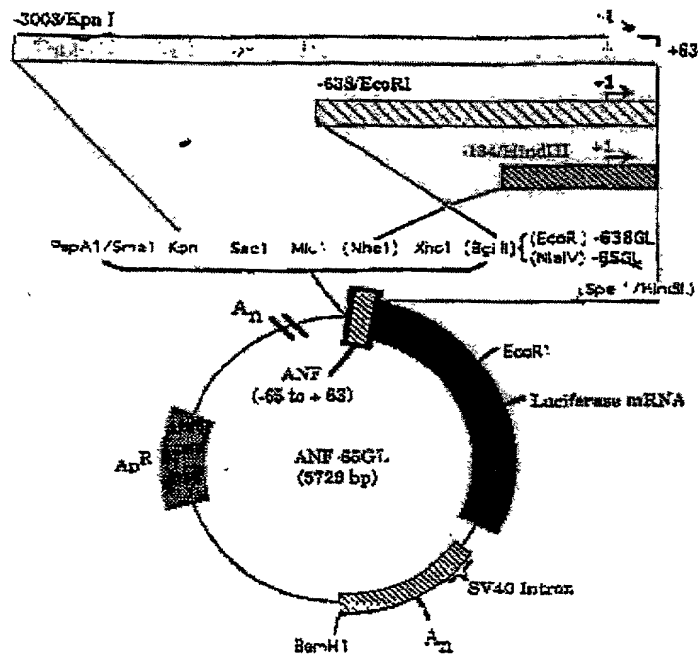


FIG. 5

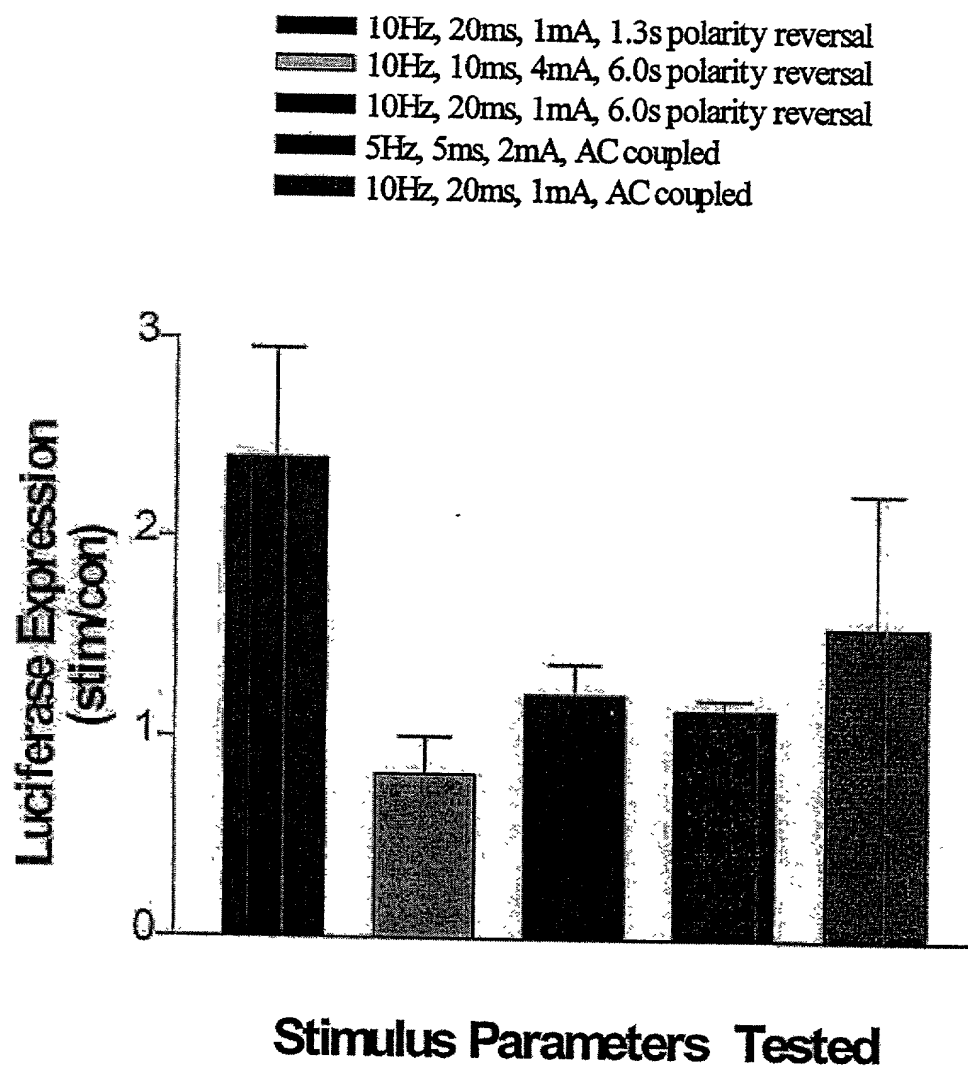


FIG. 6

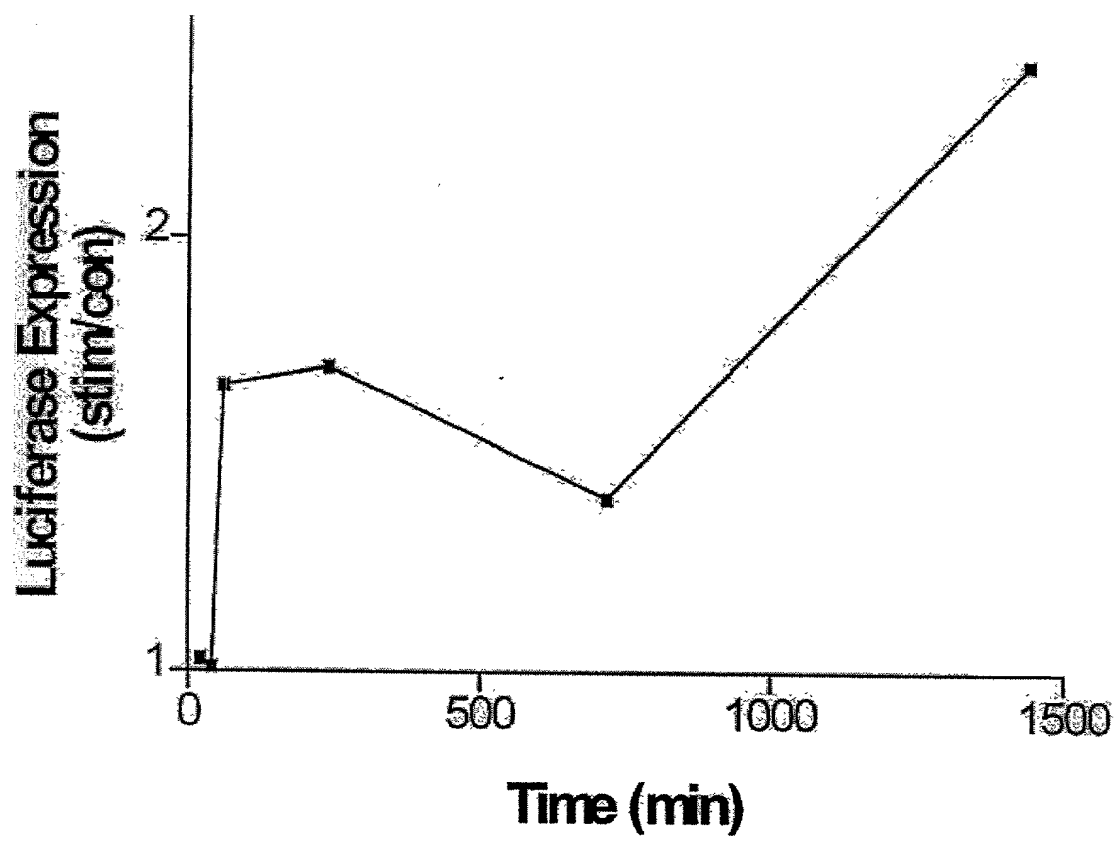
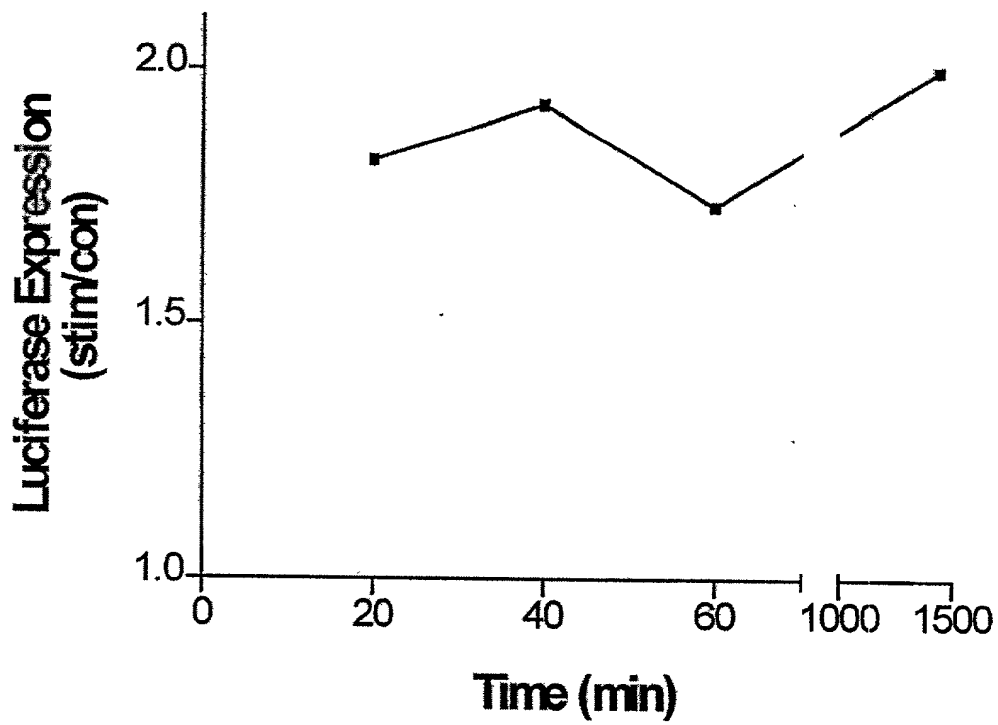


FIG. 7



**FIG. 8**



## Electrically Responsive Promoter Stimulation Apparatus

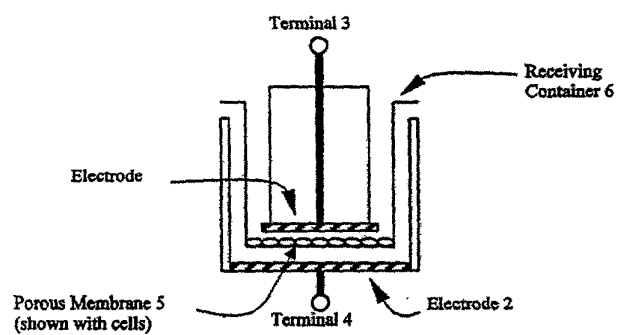
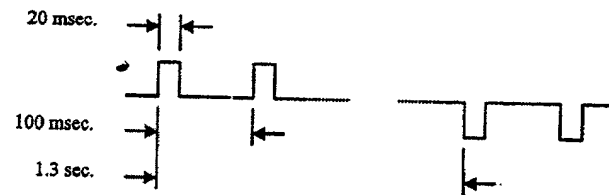


FIG. 9

## Electrical Stimulation



**FIG. 10**

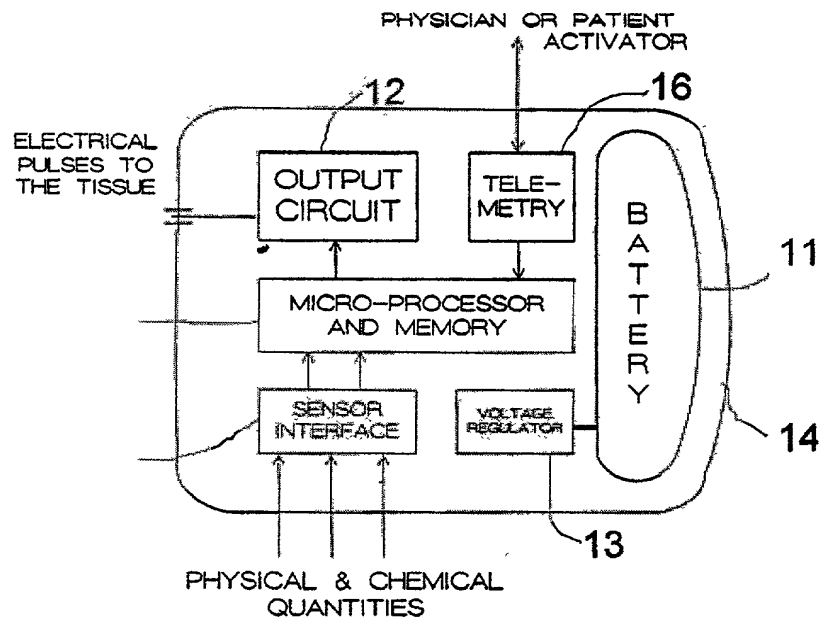


FIG. 11

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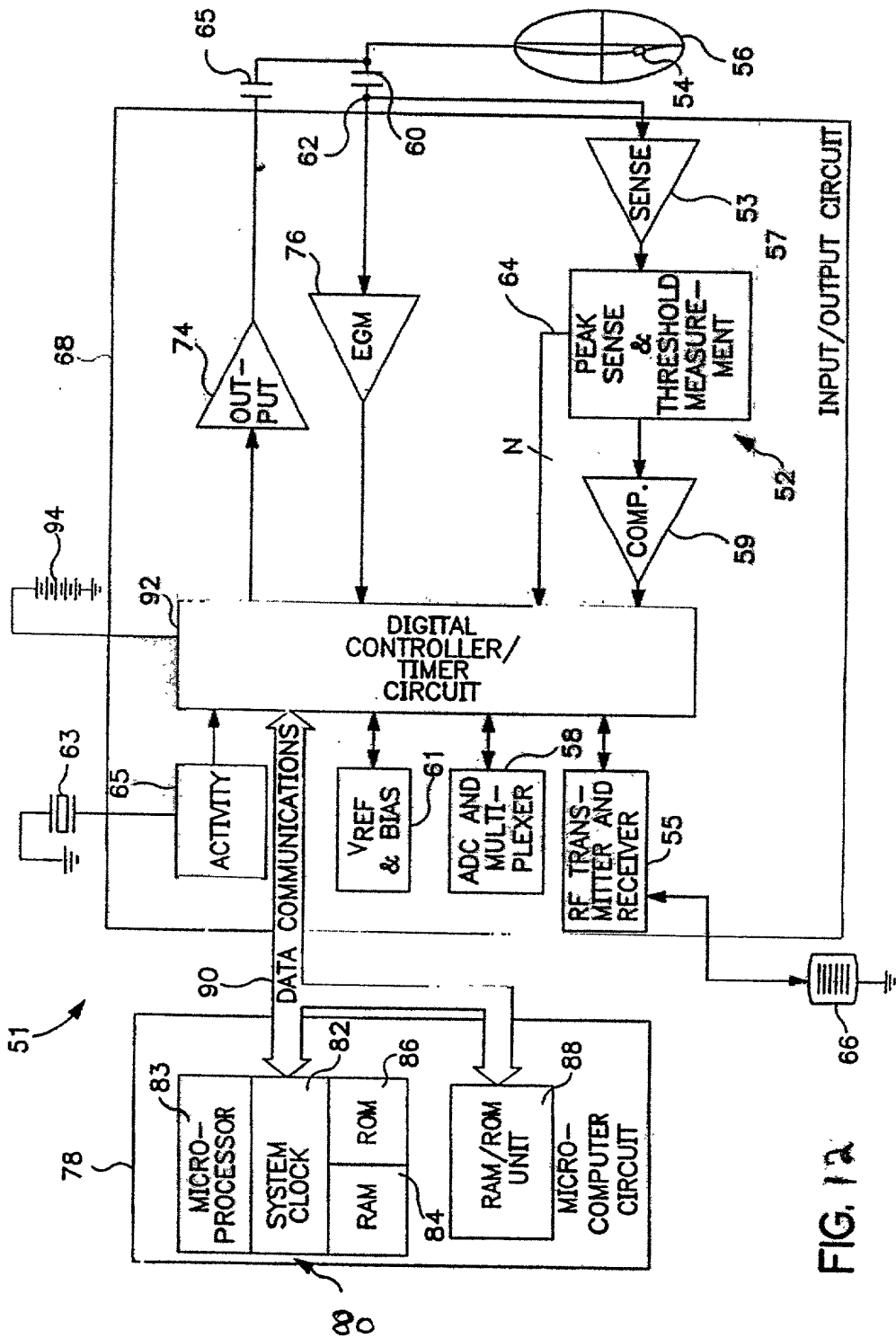


FIG. 12

### Simplified Schematic of the Output Circuit of A Stimulator

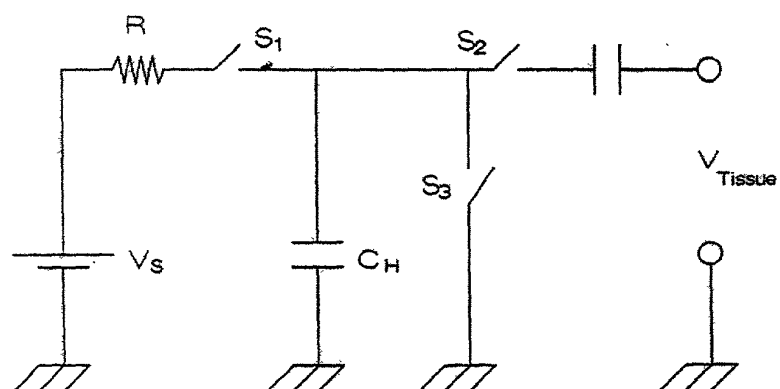
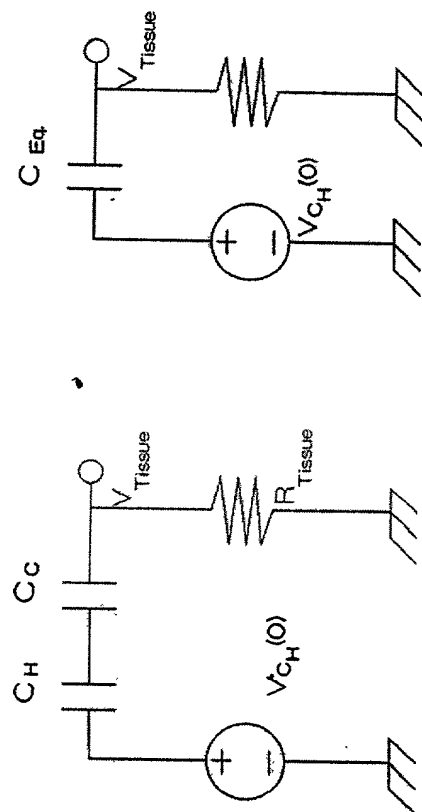
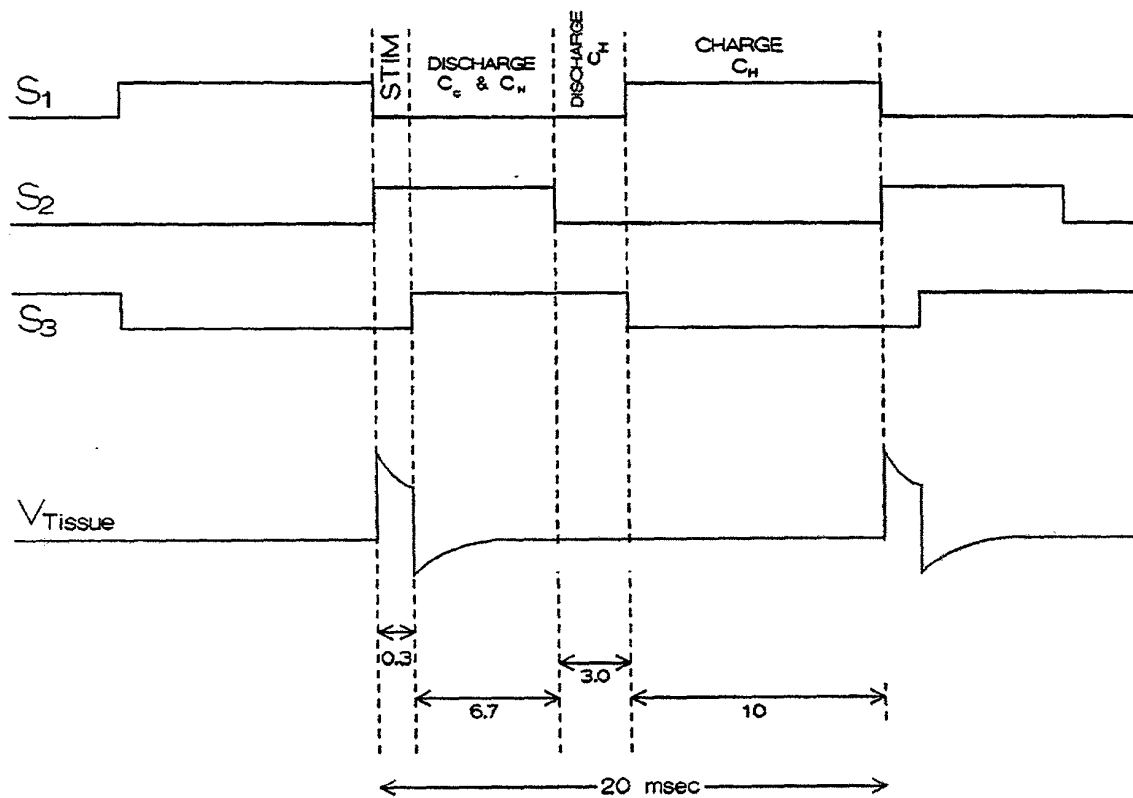


FIG. 13

### Equivalent Circuit of the Output Stage During Stimulation



## Timing of the Internal Signals and the Tissue Stimulation Signal



**FIG. 15**